

Patent [19]

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[54] AIR CONDITIONER

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[57] ABSTRACT

PROBLEM TO BE SOLVED: To provide an air conditioner that is provided with a deodorant function in a room unit, increased with the effectiveness of the deodorant function by the drastically extended effective period of it, improved with maintainability and improved with a comfort living space.

SOLUTION: The surface of the component member of the air flowing path S that is arranged to a room unit Y comprises a photocatalyst layer n. A member that comprises the air flow path S comprises an air intake part 10, an air filter 6, a heat exchanger 7, a back plate 3, a cross flow fan 12 and a heat exchange air blow out part 22. When the surface of a front intake hole 4 and an upper intake hole 5 that are air intake part 10 comprises the photocatalyst layer n, the photocatalyst layer n is excited by the irradiation with the light of an illuminating lamp H of an air conditioned room, the odor included in the heat exchanging air is decomposed and cleaned.

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